

# 9th Class 2018

Biology	Group-I	Paper-I
Time: 15 Minutes	(Objective Type)	Marks: 12

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- Branch of biology that deals with the study of insects is called:
- (a) Physiology (b) Histology  
(c) Entomology ✓ (d) Genetics
- 2- Which organism has colonial organization:
- (a) Mustard plant (b) Frog  
(c) Amoeba (d) Volvox ✓
- 3- Tentative explanation of observations is called:
- (a) Hypothesis ✓ (b) Deduction  
(c) Theory (d) Scientific law
- 4- Scientific name of human being is:
- (a) Pisum sativum (b) Homo sapiens ✓  
(c) Rosa indica (d) Allium cepa
- 5- Major component of plants cell wall is:
- (a) Chitin (b) Peptidoglycan  
(c) Cellulose ✓ (d) Cholesterol
- 6- Photograph taken through a microscope:
- (a) Microscopy (b) Magnification  
(c) Micrograph ✓ (d) Resolution
- 7- Which stage of cell division is different in animals and plants cells:
- (a) Metaphase (b) Anaphase  
(c) Telophase (d) Cytokinesis ✓



8-

**Induced Fit Model proposed by:**

- (a) Emil Fischer
- (b) Daniel Koshland ✓
- (c) Robert Hook
- (d) Schwann

9-

**Which of these can enter into Krebs cycle:**

- (a) Glucose
- (b) Pyruvic acid
- (c) Citric acid
- (d) Acetyl Co-A ✓

10-

**Process of break down of large droplets of lipids in the small droplets:**

- (a) Emulsification ✓
- (b) Absorption
- (c) Peristalsis
- (d) Digestion

11-

**Which blood vessels carry de-oxygenated blood:**

- (a) Renal artery
- (b) Aorta
- (c) Pulmonary vein ✓
- (d) Pulmonary artery

12-

**In a tissue, capillaries join to form small veins:**

- (a) Lumen
- (b) Venules ✓
- (c) Capillaries
- (d) Arterioles